

MONARCH[®] PATHFINDER[®] ULTRA[®] GOLD 6037[™] PRINTER QUICK REFERENCE

Getting Started

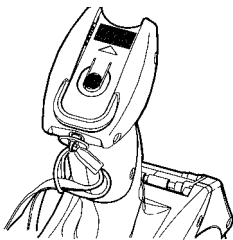
1. Charge the main battery. Use either the Monarch[®] 9462[™] or 9464[™] battery charger. See the documentation for those chargers.

Important: You must charge the main battery before using it. For optimal battery life, charge the battery *within three months of receipt*. See the *Equipment Manual* for important battery safety information.

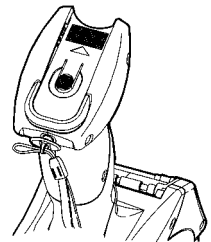
2. Insert the main battery and the backup battery (if needed) in the printer. A backup battery is already installed in the printer and ready to use.
3. Attach the safety strap found in the documentation package.
4. Load supplies in the printer.
5. Turn on the printer. Your System Administrator must have already loaded an application in the printer before you can use it.

Attaching the Safety Strap

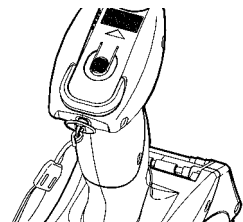
1. Turn the printer upside down, resting its top on the table.
2. Take the thin end of the safety strap, and push it through the loop at the bottom of the printer handle (near the battery compartment).



3. Push the thick end of the safety strap through the thin end's loop.
4. Pull the strap. It may be necessary to help the thin end's loop fit over the plastic piece in the middle of the strap.



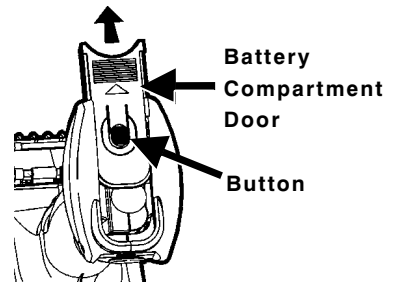
5. Pull the strap tight.



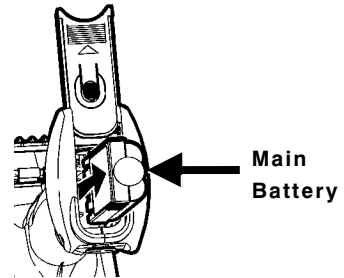
Replacing Batteries

Important: Take the main battery out of the printer when storing the printer.

1. Turn the printer over and press the button on the battery compartment door (at the bottom of the printer's handle) and slide it open (the door stays attached).



2. Turn the printer upright, holding your palm beneath the open battery compartment. Hit the printer on your hand and catch the battery as it slides out.



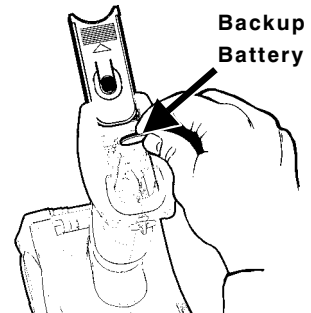
3. Remove the backup battery, if one is already installed, by turning it slightly counterclockwise, and pulling it out.

4. At the same angle, place the new battery (positive side facing away from the main battery) at the edge of the track under the spring contact. As you push it in, it will straighten itself. Make sure the battery lays flat.

5. Insert a new main battery (non-ribbed end first).

6. **Immediately** replace a fully charged main battery.

7. Slide the compartment door shut. You will have to press the main battery in slightly so the door fits over it. When the door shuts, you hear it click into place.



8. **Turn on the printer** and wait for it to completely initialize.

9. Turn off the printer again.

Important: The last two steps will help avoid reducing the coin cell life.

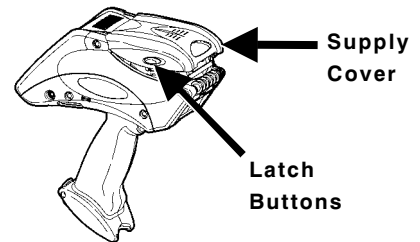
Adjusting the Display Contrast

You can lighten or darken the display using the LCD contrast buttons at the bottom of the keypad.

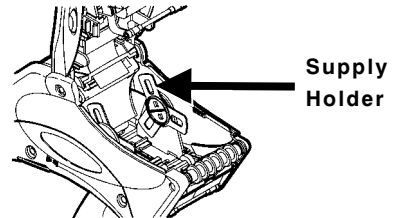
- ◆ Press the **◀** (left arrow) to lighten the display.
- ◆ Press the **▶** (right arrow) to darken the display.

Loading Supplies

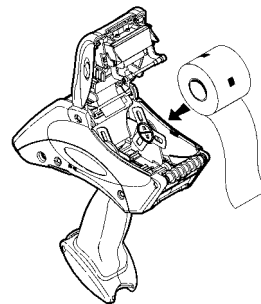
1. Turn on the printer. The application starts running.
2. Maneuver to the point in the application where you are prompted to load the supplies.
3. Press the latch buttons and open the supply cover.



4. Open the spring-loaded supply holder.

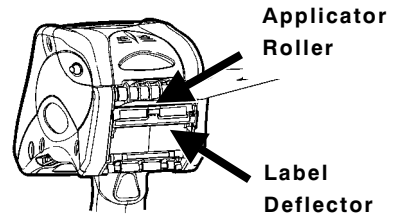


5. Place the supply roll in the supply holder so that the supply feeds from the bottom.
6. Load the supplies for the printing mode you want: Peel or Non-Peel mode.



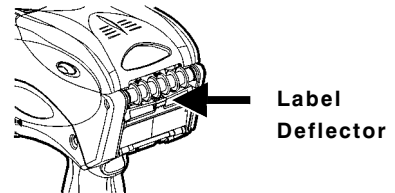
Loading for Non-Peel Mode

- A.** Feed the supply under the applicator roller and over the label deflector.
- B.** Close the supply cover completely.
- C.** Press ESC to exit.

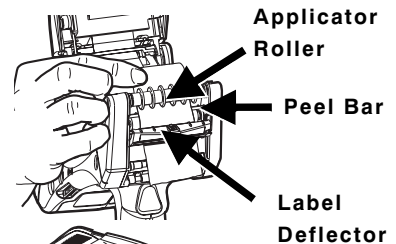


Loading for Peel Mode

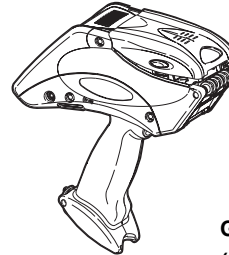
- A.** Peel and discard the first four inches of labels from the backing paper.
- B.** Hold the printer upright and gently press down on the label deflector. (It may be stiff.)



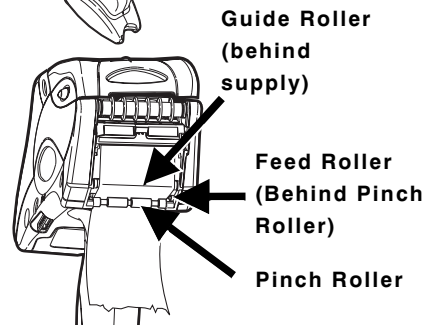
- C.** Feed all four inches of the backing paper **over** the peel bar and **under** the applicator roller and the label deflector.
- D.** Push the label deflector up until it snaps into place.



- E.** **Partially** close the cover to the first position.



- F.** Pull the backing paper **over** the guide roller, down to the pinch and feed rollers.
- G.** Hold the backing paper edge between the feed and pinch rollers, and press the trigger.
- H.** Close the cover and press ESC to exit.



Removing Supplies

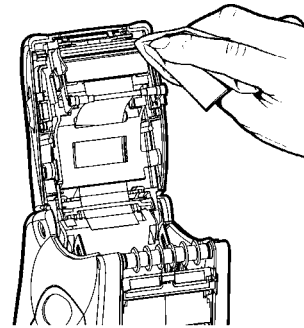
1. **Peel mode only.** Tear the backing paper just above the pinch roller.
2. Open the supply cover completely.
3. Spread the supply holder tabs apart and remove the supply roll.
4. **Peel mode only.** Carefully pull out the supply backing paper still in place between the pinch and feed rollers.

Cleaning the Printer

Do Not use sharp objects to clean the printer. Use isopropyl alcohol on the interior areas only (except where specified), never on the exterior.

Cleaning the Printhead

1. Turn off the printer.
2. Open the supply cover and remove the supplies.
3. Check the supply holder for adhesive buildup, and clean it, if necessary.
4. Ground yourself by touching metal on something other than the printer. Grounding prevents electrostatic discharge, which may cause damage.
5. Clean the printhead area of all adhesive and label particles using a Monarch Cleaning Pen (#114226) or a soft cloth moistened with isopropyl alcohol.
6. Reload the supply and close the cover.



Cleaning the Pinch and Feed Rollers

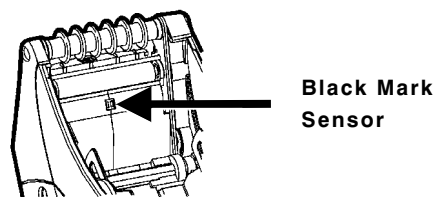
1. Turn off the printer and open the supply cover.
2. Remove the supplies.
3. Turn the platen roller with your fingers and run a dry, lint-free cloth across the pinch and feed rollers as they turn. Make sure the rollers are clean all the way around. If that does not work, use a cloth dampened slightly with distilled water.
4. Clean any adhesive buildup you see as the rollers turn.
5. Reload the supplies after the printer dries.

Cleaning the Scanner Window

1. Moisten a soft cloth with water.
2. Wipe the window until it is clean.

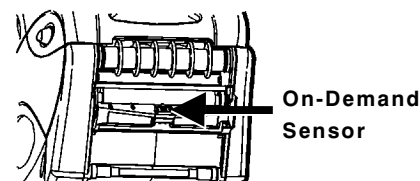
Cleaning the Black Mark Sensor

1. Turn off the printer and open the supply cover.
2. Remove the supplies.
3. Clean the black mark sensor with a dry cotton swab.
4. Reload the supplies and close the supply cover.



Cleaning the On-Demand Sensor

1. Turn off the printer and open the supply cover.
2. Remove the supplies.
3. Open the label deflector.
4. Clean the on-demand sensor with a soft cloth moistened with water.
5. Reload the supplies and close the label deflector and supply cover.



Clearing Supply Jams

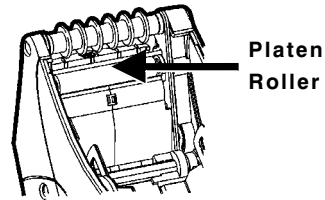
1. Turn off the printer.
2. Open the supply cover completely.
3. Open the label deflector.
4. Remove the supplies.
5. Carefully remove any jammed supply and close the deflector. **Do Not** pull the jammed supply out through the front of the label deflector. **Do Not** use sharp objects to remove jammed supplies.
6. Remove the extra supply between the pinch and feed rollers.
7. Reload the supplies and close the label deflector.

Cleaning the Platen Roller

Clean the platen roller when you see significant adhesive build-up or a label is wrapped around the platen roller.

1. Turn off the printer and open the supply cover.
2. Remove the supplies.
3. Hold the printer upright and gently press down on the label deflector. It may be stiff.

4. Use a dry, soft-bristle brush, such as a toothbrush, to clean either the standard (black) or linerless (red/orange textured) platen roller.
5. Turn the platen roller with your finger, and then continue cleaning.
6. Reload the supplies and close the label deflector and supply cover.



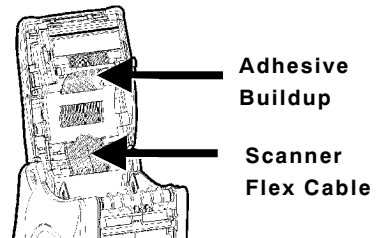
NOTE: DO NOT use alcohol or solvents on linerless (red/orange textured) platen rollers.

If the brush does not remove all the adhesive:

- ◆ use isopropyl alcohol **ONLY** on the standard (black) platen roller. Moisten a cotton swab with isopropyl alcohol and run the cotton swab across the platen roller. Turn the platen roller with your finger to make sure the platen roller is clean all the way around. After cleaning, feed several inches of supply through without printing to remove any remaining isopropyl alcohol.
- ◆ Call Service to clean the linerless (red/orange textured) platen roller.

Scanner Flex Cable

1. Turn off the printer and open the supply cover.
2. Inspect the scanner flex cable. At any place that adhesive buildup appears, clean the cable with 99% isopropyl alcohol.
3. Close the supply cover.



Troubleshooting

Problem	Solution
Printer will not print.	Switch to a fully-charged battery. Load the supply correctly. Clean the printhead.
Printer will not feed.	Switch to a fully-charged battery. Close the supply cover completely. Load the supply correctly. Check the platen roller for jammed labels.

Problem	Solution
Display does not turn on.	Switch batteries/Make sure power is on.
CMOS Error	Replace the backup battery.
Print has voids or is too light.	Load the supply correctly / Check for damage. Close the supply cover completely. Switch to a fully-charged battery. Clean the printhead.
Printer partially prints and fails to respond to the keypad or trigger.	Re-load the supply or load new supplies. Clear any supply jams. Clean the printhead. Switch to a fully-charged battery.
Scanner will not scan a bar code.	Alter the scan angle and distance. Clean the scanner window or move to a more dimly lit area. Scan a bar code you have previously scanned correctly. Check bar code for voids. Run a scan test.

Error Codes

Following are some common error codes you may receive. See your System Administrator if you receive any codes not listed here.

Code(s)	Description
004 – 005	Supply size is incorrect. Reload the correct supplies.
267 – 271	Communication error. See your System Administrator.
410 – 413	
703 – 704	Load supplies or make sure they are loaded correctly.
750	Printhead is overheated. Turn off the printer to let it cool.
751 – 753	Check the supplies to see if they are loaded correctly.
756	The printer is out of supplies. Load supplies.
757	Load supplies. The calibrated supply length differs by plus or minus .25 inches from the format.
758	Check supply. Either the supply is not seen, or the on-demand sensor is broken (purchase optional). Check for a label jam. Clear the supply path or reload supplies. The printer does not recalibrate after this error.
762	Low battery. Recharge the battery.
763	Waiting to dispense label. Press Enter.
768	Printhead error. See your System Administrator.
790 – 791	Turn off the printer. Wait two seconds and turn it back on.
904 – 911	System error. See your System Administrator.
SYSTEM ERROR VECTOR ##	System error. See your System Administrator.

Note: Information in this document supercedes information in previous versions.